

POTASSIUM HYDROXIDE

Potasu wodorotlenek

KOH

M = 56,11 g/mol

CAS: 1310-58-3

WE: 215-181-3



H: 290, 302, 314

P: 280, 301+330+331, 305+351+338, 309, 310

RID/ADR: 8, II

UN: 1813



Physical and chemical properties:

Character:	solid,	Vapour pressure:	1 hPa (719°C)
Colour:	white	Density:	2,044 g/cm ³ (20°C)
Odor:	odorless	Bulk density:	no data
pH:	approx 13,5 (50 g/l H ₂ O, 20°C)	Solubility:	
Melting point:	361°C	in water:	528 g/l (20°C)
Boiling point:	1320°C	in other solvents:	ethanol, ether
Explosion limits:	not applicable		

potassium hydroxide pure

CHEM*427468008

100 g	250 g	Appearance	white granule
500 g	750 g	Assay	min. 85,0 %
1 kg	5 kg	Total nitrogen (N)	max. 0,001 %
10 kg	15 kg	Chlorides (as Cl)	max. 0,01 %
25 kg		Phosphates (PO ₄)	max. 0,003 %
		Silicon dioxide (SiO ₂)	max. 0,01 %
		Sulfates (SO ₄)	max. 0,005 %
		Carbonates (as K ₂ CO ₃)	max. 1,5 %
		Heavy metals (as Pb)	max. 0,002 %
		Aluminium (Al)	max. 0,01 %
		Calcium (Ca)	max. 0,003 %
		Iron (Fe)	max. 0,001 %

potassium hydroxide pure p. a.

CHEM*117468009

50 g	100 g	Appearance	white granule
250 g	500 g	Assay	min. 85,0 %
750 g	1 kg	Total nitrogen (N)	max. 0,001 %
2 kg	5 kg	Chlorides (as Cl)	max. 0,004 %
10 kg	15 kg	Phosphates (PO ₄)	max. 0,001 %
25 kg		Siliconu dioxide (SiO ₂)	max. 0,005 %
		Sulfates (SO ₄)	max. 0,002 %
		Carbonates (as K ₂ CO ₃)	max. 1,5 %
		Heavy metals (as Pb)	max. 0,001 %
		Bar (Ba)	max. 0,0005 %
		Zinc (Zn)	max. 0,0005 %
		Aluminium (Al)	max. 0,001 %
		Cadmium (Cd)	max. 0,0005 %
		Cobalt (Co)	max. 0,0005 %
		Magnesium (Mg)	max. 0,0005 %
		Manganese (Mn)	max. 0,0005 %
		Copper (Cu)	max. 0,0005 %
		Nickel (Ni)	max. 0,0005 %
		Lead (Pb)	max. 0,001 %
		Silver (Ag)	max. 0,0005 %
		Strontium (Sr)	max. 0,0005 %
		Calcium (Ca)	max. 0,001 %
		Iron (Fe)	max. 0,001 %